

Instruction Manual DVD-L25

AK68-00726A-01

Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Safety Precautions

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK). NO
USER SERVICEABLE PARTS INSIDE. REFER
SERVICING TO QUALIFIED SERVICE
PERSONNEL.

This symbol indicates high voltage is present inside. It is dangerous to make any kind of contact with any inside part of this product.



This symbol alerts you that important literature concerning operation and maintenance has been included with this product.



Safety Precautions

Caution: FCC regulations state that any unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: To prevent electric shock, match the wide blade of plug to the wide slot, and fully insert the plug.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Important: One Federal Court has held that unauthorized recording of copyrighted TV programs is an infringement of U.S. copyright laws. Certain Canadian programs may also be copyrighted and any unauthorized recording in whole or in part may be in violation of these rights.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

CAUTION : DVD PLAYERS USE AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE PLAYER CORRECTLY AS INSTRUCTED.

FCC NOTE (for U.S.A):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This class B digital apparatus meets all requirements of the Canadian Interference --Causing Equipment Regulations.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

CAUTION : THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Copy Protection

- Many DVD discs are encoded with copy protection.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Disc

- Do not use record-cleaning sprays, benzene, thinner, or other volatile solvents that may cause damage to the disc surface.
- Do not touch the disc's signal surface. Hold by the edges or by one edge and the hole in the center.
- Wipe the dirt away gently; never wipe a cloth back and forth over the disc.

Moisture Condensation

Condensation may form inside this player under following conditions:

- If warm air comes in contact with any cold parts inside the player;
- If the player is located in a room with high humidity; and
- If the player is exposed to sudden temperature changes from cold to hot.

When condensation forms inside the player, the player may not operate correctly.

If this occurs, leave the player at room temperature until the inside of the player becomes dry and operational.

Laser Safety



Caution

This product utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not look inside the product if interlock mechanism is damaged.

Warning

Be careful not to damage the interlock mechanism.

1. Features

Play mini DVD discs and 3.5" audio CDs only

- Mini DVD format : 3.5"
- CD-R/RW discs containing MP3/WMA files can be played.

JPEG image viewer

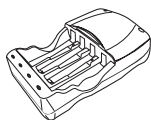
- JPEG imaged files stored on CD-R/RW discs can be viewed.

2.5" TFT LCD display

2 hours playback time

- Using four fully charged AA size Ni-MH type rechargeable Batteries, you can playback discs for up to 2 hours.

2. Accessories



Quick Charger
AK44-00006A





Battery (Rechargeable)
AA size Ni-MH type)
4302-001125









User's Manual
AK68-00726A

3. Disc Type and Characteristics

This DVD player is capable of playing the following types of discs with the corresponding logos:

Disc Types (Logos)	Recording Types	Disc Size	Max. Playing Time	Characteristics
	Audio + Video	3 1/2"	Single-sided 80 min. Double-sided 160 min.	<ul style="list-style-type: none">- DVD contains excellent sound and video due to Dolby Digital and MPEG-2 system.- Various screen and audio functions can be easily selected through the on-screen menu.
	Audio	3 1/2"	20 min.	<ul style="list-style-type: none">- CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.

Disc Markings

	Play Region Number
	NTSC broadcast system in U.S.A, Canada, Korea, Japan, etc.
	Dolby Digital disc
	Stereo disc
	Digital Audio disc
	MP3 disc

Play Region Number

Both the DVD player and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play. The Region Number for this player is described on the bottom housing of the player.

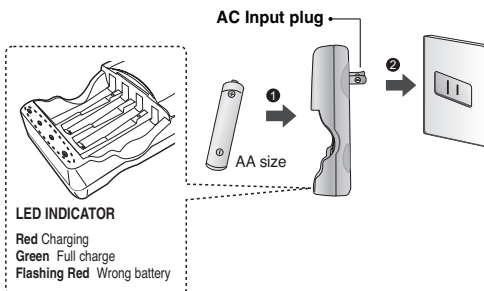
4. Using the Charger

Important Safety Instruction

Misuse may potentially cause electric shock or damage to the charger or serious injury to the user.

Operation Instructions

- 1 Insert AA Ni-MH rechargeable batteries(supplied with the DVD player) in the battery slots. Align the poles (+) and (-) correctly.
- 2 Fold open the pins to the right angle position and then plug the charger into the household AC electric outlet. The red LED will light up for proper charging.
- 3 LED indicators turn green after full charge. Please remove the charger from the power source and the batteries from the charger when charging is completed.



Battery Charging Caution

- Please use this charger only for batteries of the exact same type(Ni-MH rechargeable batteries) as provided with this player.
- When you charge the batteries for the first time, or if the batteries have been stored for a long time, it normally takes about 3 charge and discharge cycles for the batteries to regain full capacity.
- It is normal for the charger and batteries to generate heat while charging. The temperature gets lower after a full charge is completed.
- Make sure the power plug is completely inserted into a standard power outlet.
- Charge the batteries indoors in a cool and dry place.
- Always keep the positive and negative of charger clean to prevent bad contact between charger and battery.
- LED indicators won't light up when the battery voltage is too low. When this occurs, it will take longer to charge the batteries.
- When LED indicators flash red, it means there is battery trouble.
Possible reasons are:
 - a : The wrong battery type is inserted, such as alkaline battery.
 - b : The battery may be old or defective.Please remove the charger from the power outlet and remove the wrong battery from the charger.

Charging Time

Type	Size	Capacity	Charging time of 4 batteries
Ni-MH	AA	2300mAh	Max. 8 hours

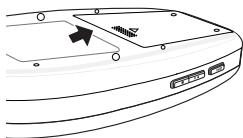
Battery level indicator

	5% ~ Completely used
--	----------------------

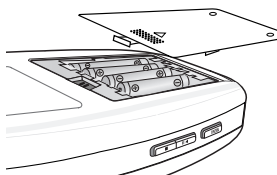
If the battery indicator flickers on the LCD, the DVD will turn off soon. Change the battery as soon as possible.

5. Install Batteries in the DVD PLAYER

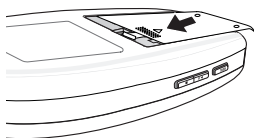
1. Be sure that the DVD player power is off.



2. Open the battery cover on the back of the DVD PLAYER.



3. Insert four AA size rechargeable Ni-MH batteries. Make sure that the polarities (+) and (-) are aligned correctly.



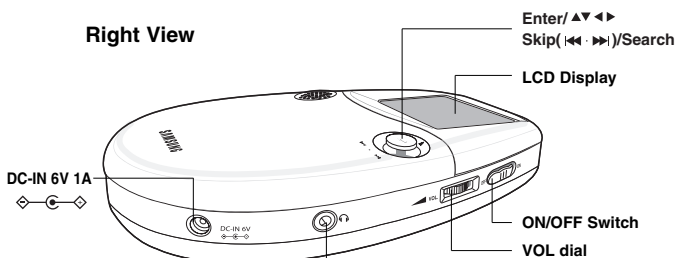
4. Replace the battery cover.

NOTE

- Only use the same brand and type of Ni-MH batteries that are included with the DVD player.
- **DVD Continuous Playing Time with Fully-charged Ni-MH Rechargeable Batteries (Included with this player) : Approx. 2.5 hours.**
DVD continuous playing time refers to the maximum playing time at average speaker volume. The playing time may be shortened depending on the disc, surrounding temperature, battery performance, and speaker volume.
Storing fully charged batteries for long periods of time can shorten their lifecycle or affect performance. If this happens, use batteries until their charge is depleted before charging them again. After doing this several times, battery performance will be restored.
- **Low temperatures (below 32 °F) can affect the performance of the batteries and you may experience reduced battery life.**
- **Never mix unused and partially-used batteries at the same time. The partially-used batteries may leak.**
- **Never mix batteries of different types or from different manufacturers. All four batteries should be identical.**
- **Before inserting the batteries, wipe the battery terminals well with a dry cloth. If the battery terminal is dirty, the operating time of the batteries can be reduced considerably.**
- **Please remove the batteries if the DVD player will not be used for long periods of time. Batteries can lose power over time and are prone to leaking if left inside the DVD player.**

6. Description

Right View



AC Adapter :

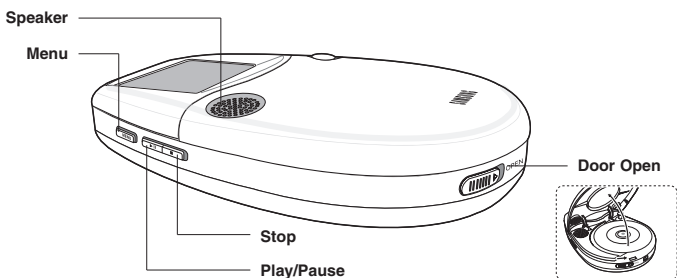
Be sure to use the separately sold AC Adapter PA-AA25. Using a different type of adapter may cause malfunction or damage to the product.

Note: The AC adapter will not charge the batteries when they are in the unit. You must use the supplied battery charger.

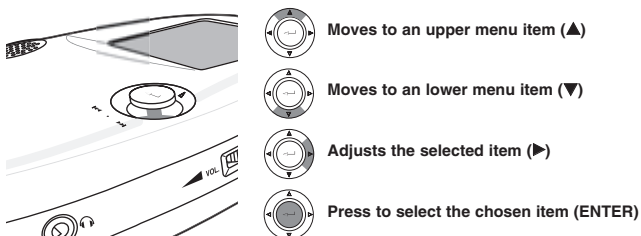
Headphone :

Turn the headphone volume down to the minimum setting before connecting. Adjust the volume level by using the VOL dial.

Left View





7. Using the Joystick Control



8. Before Play

THE FIRST TIME you set the **ON/OFF** switch to **ON** after inserting the charged batteries into the battery compartment, the following screen appears: Select Menu Language. To select the desired language, press the Joystick up or down, then press **ENTER** button. If the language for the startup screen is not set, the settings may change whenever you turn the power on or off. Therefore, make sure that you select the language you want to use. Once you select a menu

language, you can change it by pressing the  button

and  button simultaneously on the side panel of the unit

for more than 3 seconds with no disc in the unit. Then the **SELECT MENU LANGUAGE** window appears again where you can reset your preferred language.



PUSH THE DOOR OPEN SWITCH to open the disc cover. The disc cover opens up to around a 60 degree angle. Do not attempt to open the cover to an angle beyond this range as the cover may become damaged. Place a disc gently into the tray with the disc's label facing up. You should hear and feel the disc snap firmly into place. Close the disc cover.

9. Using the Basic Functions

1 Play

Press the  button.

2 Pausing Play

Press the  or **ENTER** button during play.


- Screen stops, no sound.

- To resume, press the  or **ENTER** button once again.


3 Stopping Play

Press the  button during play.

4 Slow Motion Play (Except CD/MP3/WMA)

During Pause mode, press and hold the **SKIP** ( ) button to choose the play speed between 1/8, 1/4 and 1/2 of normal.



- No sound is heard during slow mode.

- Press the  button to resume normal play.

- Reverse slow motion play will not work.

5 RESUME function

When you stop disc play, the player remembers where you stopped, so when you press

 button again, it will pick up where you left off. (unless the disc is removed or the player is unplugged, or if you press the  twice.)

NOTE

It is recommended that you turn off the power to the player when not in use.

10. Using the Search and Skip Functions

1 Searching through a Chapter or Track

During play, press the **SKIP** ( ) button for more than one second.

If you want to search at a faster speed on the **DVD (2X, 8X, 32X, 128X)** or **CD (2X, 4X, 8X)** press and hold the button.

2 Skipping Chapters or Tracks


During play (DVD or CD), press the **SKIP** () button, it moves to the next chapter or track.

If you press the **SKIP** () button, it moves to the beginning of the chapter or track.

One more press makes it move to the beginning of the previous chapter or track.

11. Using the Disc and Title Menu




1 Using the Disc Menu

During the playback of a DVD disc, press the  button.

Press the  or  button to select Disc Menu, then press the  or **ENTER** button.

2 Using the Title Menu

During the playback of a DVD disc, press the  button.

Press the  or  button to select Title Menu, then press the  or **ENTER** button.

12. Using the Functions

Press the **MENU** button during playback.

Press the **▲** or **▼** button to select **Function**, then press the **▶** or **ENTER** button.

1 Info

To easily search for a desired scene by accessing title, chapter, track and time. You can also change the subtitle and audio setting.

If you want to start playback from a specific time:

▲▼ : To set the Hour, Minute, and Second.

◀▶ : To move to the Hour, Minute, and Second.

ENTER button : To confirm / Start

2 Zoom(DVD)

Press the **▲** or **▼** button to select Zoom, then press the **▶** or **ENTER** button.

Press the **▲** / **▼** / **◀** / **▶** buttons to select the part of the screen you want to zoom in on.

Press the **ENTER** button to zoom in 2X/4X/2X in order.



13. Using the Setup Menu

The Setup menu lets you customize your DVD player by allowing you to select various language preferences, set up a parental level, and adjust the display aspect ratio.

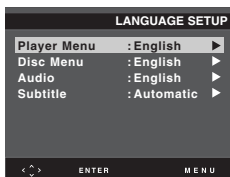
Using the Language Setup

If you set the player menu, disc menu, audio and subtitle language in advance, they will come up automatically every time you watch a movie.

With the unit in Stop mode, press the **MENU** button.

Press the **▲** or **▼** button to select **Setup**, then press the **▶** or **ENTER** button.

Press the **▲** or **▼** button to select **Language Setup**, then press the **▶** or **ENTER** button.



1 Player Menu Language

2 Disc Menu Language

Select "Others" if the language you want is not listed. If the selected language is not recorded on the disc, the original pre-recorded language is selected.

3 Audio Language

Select "Original" if you want the default soundtrack language to be the original language the disc is recorded in. Select "Others" if the language you want is not listed. If the selected language is not recorded on the disc, the original pre-recorded language is selected.

4 Subtitle Language

Select "Automatic" if you want the subtitle language to be the same as the language selected as the audio language. Select "Others" if the language you want is not listed. Some discs may not contain the language you select as your initial language; in that case the disc will use its original language setting.

14. Setting Up the Display Aspect Ratio

Display Aspect

You may want to adjust the screen setting (aspect ratio).

With the unit in Stop mode, press the **MENU** button.

Press the **▲** or **▼** button to select **Setup**, then press the **►** or **ENTER** button.

Press the **▲** or **▼** button to select Display Setup, then press the **►** or **ENTER** button. The TV Aspect menu will appear.

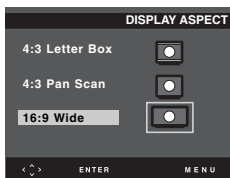
Press the **►** or **ENTER** button and the Display Aspect menu appears.

Select the desired Display Aspect using the **Joystick**, then press the **►** or **ENTER** button.

- **4:3 Letter Box** : Select this when you want to see the total 16:9 ratio screen. Black bars will appear at the top and bottom of the screen.
- **4:3 Pan Scan** : Select this when you want to see the central portion of the 16:9 screen. (Extreme left and right side of movie picture will be cut off)
- **16:9 Wide** : You can view the full 16:9 picture on your DVD Player display.

NOTE

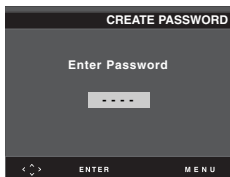
This function may behave differently depending on the type of disc.



15. Setting Up the Parental Control

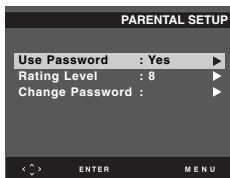
The Parental Control function works in conjunction with DVDs that have been assigned a rating, which helps you control the types of DVDs that your family watches. There are up to 8 rating levels on a disc.

- 1 With the unit in Stop mode, press the **MENU** button.
- 2 Press the **▲** or **▼** button to select Setup, then press the **►** or **ENTER** button.
- 3 Press the **▲** or **▼** button to select Parental Setup, then press the **►** or **ENTER** button.
- 4 Press the **►** or **ENTER** button to select Yes if you want to use a password. The Enter Password screen appears.
- 5 Enter your password by pressing the **◀** or **►** button to move to a number setting position, then press **▲** or **▼** to set a number between 0 and 9. After inputting your password, press **ENTER** button. The Re-enter Password screen appears to confirm the password. Enter your password again and press **ENTER** button. The player is locked ().



Setting Up the Rating Level

- 1 With the unit in Stop mode, press the **MENU** button.
- 2 Press the **▲** or **▼** button to select Setup, then press the **►** or **ENTER** button.
- 3 Press the **▲** or **▼** button to select Parental Setup, then press the **►** or **ENTER** button.
- 4 Enter your password.
- 5 Press the **▲** or **▼** button to select Rating Level, then press the **►** or **ENTER** button.
- 6 Press the **▲** or **▼** button to select the Rating Level you want, then press the **►** or **ENTER** button.
e.g) Setting up in Level 6.
To make the setup menu disappear, press the **MENU** button.
For example, if you select up to Level 6, discs that contain Level 7, 8 will not play.

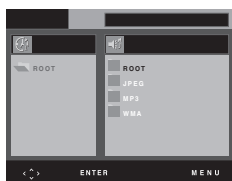


Changing the Password

- 1 With the unit in Stop mode, press the **MENU** button.
- 2 Press the **▲** or **▼** button to select Setup, then press the **▶** or **ENTER** button.
- 3 Press the **▲** or **▼** button to select Parental Setup, then press the **▶** or **ENTER** button.
- 4 The Enter Password screen appears. Enter your password by following the instructions on the previous page.
- 5 Press the **▲** or **▼** button to select Change Password, then press the **▶** or **ENTER** button.
Enter your new password. Re-enter the new password again.

16. Clips Menu for MP3/WMA/JPEG

Discs with **MP3/WMA/JPEG** contain individual songs and/or pictures that can be organized into folders as shown below. They are similar to how you use your computer to put files into different folders.



Playback

Open the disc tray.
Place the disc on the tray.
Close the tray.

The tray closes and this screen displays.



: Name of currently playing file.



: JPEG file icon.



: Current Playback Time.



: Folder icon.



: MP3 file icon.



: Current Folder icon.



: WMA file icon.



MP3/WMA Playback

- 1 When a disc contains both MP3 and WMA files only one type will play, not both.
- 2 Press the **▲** / **▼** / **◀** / **▶** buttons to select a song file.
- 3 Press the **ENTER** button. to begin playback of the song file.

CD-R MP3/WMA discs

When you record MP3/WMA files on CD-R, please refer to the following.

- Your MP3 or WMA files should be ISO 9660 or JOLIET format.
- Use a decompression transfer rate of at least 128 Kbps and up to 160 Kbps when recording MP3 files.
- Use a decompression transfer rate of at least 64 Kbps and up to 192 Kbps when recording WMA files.
- This unit can play up to WMA 9 format.
- Do not try recording copyright protected MP3 files.
- Important: The above recommendations cannot be taken as a guarantee that the DVD player will play MP3 recordings, or as an assurance of sound quality. You should note that certain technologies and methods for MP3 file recording on CD-Rs prevent optimal playback of these files on your DVD player (degraded sound quality and in some cases, inability of the player to read the files).
- This unit can play a maximum of 3000 files and 300 folders per disc.

CD-R JPEG Discs

- Only files with the “.jpg” and “.JPG” extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- The name of the JPEG file should contain no blank spaces or special characters (. / = +).
- Only a consecutively written multisession disc can be played. If there is a blank segment in the multisession disc, the disc can be played only up to the blank segment.
- A maximum of 3000 images can be stored on a single CD.
- Kodak Picture CDs are recommended.
- When playing a Kodak Picture CD, only the JPEG files in the pictures folder can be played.
- Kodak Picture CD : The JPEG files in the pictures folder can be played automatically.
- Konica Picture CD : If you want to see the Picture, select the JPEG files in the clips menu.
- Fuji Picture CD : If you want to see the Picture, select the JPEG files in the clips menu.
- QSS Picture CD : The unit cannot play QSS Picture CD.
- If the number of files in 1 Disc is over 3000, only 3000 JPEG files can be played.
- If the number of folders in 1 Disc is over 300, only JPEG files in 300 folders can be played.

17. Picture CD Playback

- 1 Select the desired folder.
- 2 Press the ▲ or ▼ button to select a Picture file in the clips menu, then press the **ENTER** button.
- 3 Press the ◀ or ▶ button to choose from the following items at the top of the screen:
If inserting a CD with multiple file types, select JPEG from the menu before proceeding.



Album Screen

- Returns to the Album Screen.
- To see the next picture, press the ► button.
- To see the previous picture, press the ◀ button.



Rotation

- Each time the **Joystick** is pressed, the picture rotates 90 degrees clockwise.



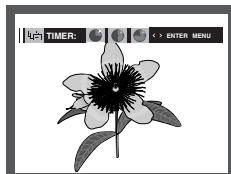
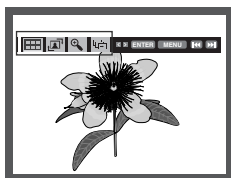
Zoom

- Move the **Joystick** ▲ / ▼ / ◀ / ▶ buttons to select the part of the screen you want to zoom in on. Press the **Joystick** to enter. Each time the **Joystick** is pressed, the picture is enlarged up to 4X. (2X → 4X → 2X → Normal)



Slide Show

- The unit enters slide show mode.
- Before beginning the Slide Show, the picture interval must be set. Press the ◀ or ▶ buttons to select a desired icon, then press the **ENTER** button.
- 🕒 : The pictures change automatically with about a 6 second interval.
- 🕒 : The pictures change automatically with about a 12 second interval.
- 🕒 : The pictures change automatically with about a 18 second interval.



NOTE

- Press the **MENU** button to display previous menu.
- If any buttons are not pressed for about 10 seconds, the menu will disappear. Press the **MENU** button.
- Press the **STOP** button to return to the clip menu.

18. Specifications

1 General

- Power Consumption : 4.5W
- Weight : 0.6 lbs (without battery)
- Dimensions (inches) : 1.7 X 2.6 X 0.5 (W x H x D)
- Operating Temperature Range : +41°F to +91°F
- Operating Humidity Range : 30 % to 80 %

2 Disc

- DVD : 3.5" (Mini DVD) : Reading Speed : 11.45 ~ 15.09 ft/sec.
Maximum Play Time (Single Sided) : 80 min.
- CD : 3.5" (COMPACT DISC) Reading Speed : 15.75 to 18.37 ft/sec.
Maximum Play Time : 20 min.

3 LCD SCREEN : 2.5", TFT, 4:3 Aspect Ratio, 480(H) X 234(V) pixels

4 Charger

Input : AC 120V ~ 60Hz 0.2A
Output : DC 1.5V --- 1.5A max.

- **Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.**
- **Weight and dimensions are approximate.**

Warranty

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS AMERICA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for the following limited warranty period:

One (1) Year Parts and Labor

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States, and does not include transportation, installation, removal or reinstallation. Warranty repairs must be performed by SAMSUNG's authorized service center. To receive warranty service, the original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. Transportation to and from the service center is the responsibility of the purchaser.

SAMSUNG will repair or replace this product, at our option and at no charge with new or reconditioned parts, if found to be defective during the limited warranty period specified above. The product must be returned during the warranty period with transportation charges prepaid to SAMSUNG's designated service center. Prior to returning any product for warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. SAMSUNG does not warrant uninterrupted or error-free operation of the product. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: damage which occurs in shipment; applications and uses for which this product was not intended; failures or problems which are caused by products or equipment not supplied by SAMSUNG; accidents, misuse, abuse, neglect, misapplication, fire, water, lightning or other acts of nature; incorrect electrical line voltage, fluctuations or surges; damage caused by improper or faulty installation; improper connection with any peripheral; product alteration or modification; improper or unauthorized repair; cosmetic damage or exterior finish; product with altered serial numbers; failure to follow operating instructions, customer adjustments, maintenance and environmental instructions that are covered and prescribed in the instruction book; use of non-SAMSUNG or unauthorized parts, supplies, accessories or equipment which damage this product or result in service problems; failures or problems due to incompatibility with other equipment.